

Cedar

Samples Collected: 2/18/2014 to 2/20/2014

Tolt

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
<b>Chem. General</b>							
21.4	21.5	Alkalinity, Total	mg/L	ASTM D1067-06B		19.0	20.9
	8.24	pH	pH Unit	ASTM D1067-92B			8.47
60.1	62.5	Conductivity	umho/cm	ASTM D1125-92A	700	59.9	63.4
0.79	0.80	Fluoride	mg/L	ASTM D1179-93B	4	0.79	0.83
		pH	pH Unit	ASTM D1293-99			
5U	5U	Color, Apparent	PCU	SM 2120 B-01	15	5U	5U
0.30	0.21	Turbidity	NTU	SM 2130 B-01		0.14	0.58
26.0	27.3	Hardness, Calc	mg CaCO3/L	SM 2340 B-97		25.9	28.7
24.9	26.1	Hardness, EDTA	mg CaCO3/L	SM 2340 C-97		26.1	27.7
41.3	41.5	Solids, Total Dissolved	mg/L	SM 2540 C-97	500	37.8	41.0
22.0	23.5	Calcium	mg CaCO3/L	SM 3500-Ca B-97		24.2	27.2
3.2	2.9	Chloride	mg/L	SM-4500 Cl C	250	2.6	3.2
0.3	0.2	CO2, Calc	mg/L	SM-4500 CO2 B4		0.2	0.2U
14.5	13.1	Oxygen, Dissolved	mg/L	SM-4500 O B		23.9	20.0
119	112	Dissolved Oxygen Saturation	%	SM-4500 O C		178	174
0.054	0.052	UVA	abs/5cm	SPU TEST		0.044	0.038
<b>Chem. Metals</b>							
10.1	8.53	Aluminum	ug/L	EPA 200.8 5.4_1994	200	30.7	28.5
0.8U	0.8U	Antimony	ug/L	EPA 200.8 5.4_1994	6	0.8U	0.8U
0.5U	0.5U	Arsenic	ug/L	EPA 200.8 5.4_1994	10	0.5U	0.5U
1.50	1.64	Barium	ug/L	EPA 200.8 5.4_1994	2000	1.15	1.64
0.2U	0.2U	Beryllium	ug/L	EPA 200.8 5.4_1994	4	0.2U	0.2U
0.2U	0.2U	Cadmium	ug/L	EPA 200.8 5.4_1994	5	0.2U	0.2U
8000	8390	Calcium	ug/L	EPA 200.8 5.4_1994		9270	10200
0.5U	0.5U	Chromium	ug/L	EPA 200.8 5.4_1994	100	0.5U	0.5U
8.01	0.960	Copper	ug/L	EPA 200.8 5.4_1994	1300	6.77	1.87
46.3	62.8	Iron	ug/L	EPA 200.8 5.4_1994	300	44.9	43.5
0.5U	0.5U	Lead	ug/L	EPA 200.8 5.4_1994	15	0.5U	0.5U
963	932	Magnesium	ug/L	EPA 200.8 5.4_1994		400	373
2.44	3.26	Manganese	ug/L	EPA 200.8 5.4_1994	50	1.63	0.578
0.20U	0.20U	Mercury	ug/L	EPA 200.8 5.4_1994	5.00	0.20U	0.20U
0.8U	0.8U	Molybdenum	ug/L	EPA 200.8 5.4_1994		0.8U	0.8U
0.5U	0.5U	Nickel	ug/L	EPA 200.8 5.4_1994	100	0.5U	0.5U
247	259	Potassium	ug/L	EPA 200.8 5.4_1994		126	129
0.8U	0.8U	Selenium	ug/L	EPA 200.8 5.4_1994	50	0.8U	0.8U
0.8U	0.8U	Silver	ug/L	EPA 200.8 5.4_1994	100	0.8U	0.8U
1730	1790	Sodium	ug/L	EPA 200.8 5.4_1994		942	1050
0.2U	0.2U	Thallium	ug/L	EPA 200.8 5.4_1994	2	0.2U	0.2U
0.5U	0.5U	Thorium	ug/L	EPA 200.8 5.4_1994		0.5U	0.5U
0.2U	0.2U	Uranium	ug/L	EPA 200.8 5.4_1994	30	0.2U	0.2U
0.567	0.569	Vanadium	ug/L	EPA 200.8 5.4_1994		0.5U	0.5U
0.8U	0.8U	Zinc	ug/L	EPA 200.8 5.4_1994	5000	0.924	0.8U
<b>Chem. Nutrient</b>							
	76.9	Nitrogen, Nitrite + Nitrate	ug/L	EPA 353.2_2_1993	10000		124
	2.08	Phosphorus, Dissolved Reactive	ug/L	SM 4500-P F-99			1.31
8.27	8.31	Silica, Reactive	mg/L	SM-4500 SiO2 D		5.38	5.21
<b>Contract Lab</b>							
3.75		Sulfate	mg/L	SM-4500 SO4E	250	3.89	

**Field**

CLT-5 = Cedar Treatment Plant Outlet, M-1A = Cedar Distribution @ S. Stacy St. & Utah Ave. S.; TPT-3 = Tolt Filtration Plant Outlet, Treated; B-2 = Tolt Distribution @ NW 122nd St. & 1st Ave. NW MCL = Maximum Contaminant Level, 1000 ug/L = 1.0 mg/L

"U" indicates that the test result for the analyte is less than the stated minimum value preceding the "U".

CLT-5	M-1A	Parameter	Units	Method	MCL	TPT-3	B-2
1.40	0.68	Chlorine, Free	mg/L	SM 4500-Cl G-00		1.41	0.59
7.0	8.4	Temperature, Water	Deg C	SM-2550		3.2	9.2
		pH	pH Unit	SM-4500 H B		8.21	

CLT-5 = Cedar Treatment Plant Outlet, M-1A = Cedar Distribution @ S. Stacy St. & Utah Ave. S.; TPT-3 = Tolt Filtration Plant Outlet, Treated;  
 B-2 = Tolt Distribution @ NW 122nd St. & 1st Ave. NW MCL = Maximum Contaminant Level, 1000 ug/L = 1.0 mg/L

"U" indicates that the test result for the analyte is less than the stated minimum value preceding the "U".